

# DALLAS

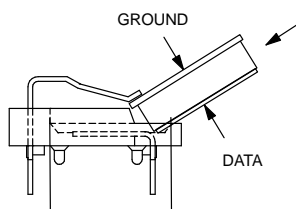
SEMICONDUCTOR

# DS9094

iButton™ Clip

## FEATURES

- Low cost holder for 16.3 mm MicroCan
- Printed circuit board mount
- Contacts are 302 spring stainless steel
- Flammability rating: UL94V–O
- Two versions:
  - DS9094F for F5 MicroCan (flanged rim, 5.8 mm high)
  - DS9094FS for surface mounting F5 MicroCan (flanged rim, 5.8 mm high)
- Printed circuit contacts are selectively tin–lead plated for improved solderability



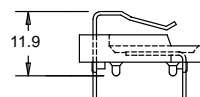
INSERTION OF iButton

## DESCRIPTION

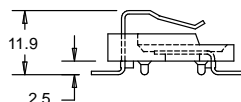
The DS9094 Clip holds an iButton and connects to a printed circuit board. By deflecting the spring clip in the molded housing, an iButton can be inserted and extracted without special tools. If reverse insertion is attempted, the beveled edge on the housing prevents contact. The DS9094's low profile minimizes the clearance height above the printed circuit board.

## NOTE:

Due to the large variation of cycles and temperatures in reflow ovens, it is recommended to experiment with this clip first before using it in production. If guaranteed compliance with the reflow soldering process is required, the DS9098 iButton Retainer should be preferred.

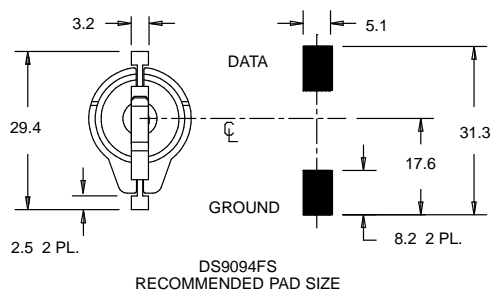
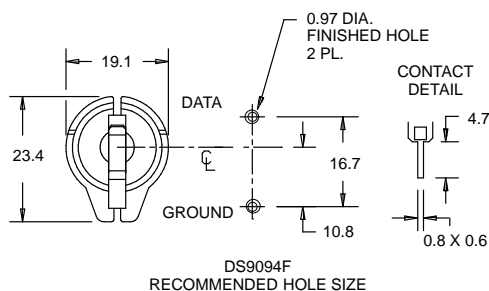


DS9094F



DS9094FS

## PC BOARD MOUNTING DETAILS



All dimensions are in millimeters.